

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-16 (Canceled).

17. (Currently Amended) A disconnecting breaker comprising:

a) at least one set of breaker contacts;

b) an actuator mechanically connected to said at least one set of breaker contacts by a linking system, wherein said actuator controls the position of the breaker contacts between a closed position and an open position; and

c) a mechanical a first ~~interlock~~ lock that blocks the movement of the linking system and maintains said at least one set of breaker contacts in the open position; and

d) a second ~~interlock~~ lock that ~~interlocks~~ locks the actuator to prevent actuator control of the breaker contacts, wherein the second lock includes an electrical lock that interrupts control power to the actuator and prevents actuator control of said at least one set of breaker contacts.

18. (Currently Amended) The disconnecting breaker of claim 17 wherein the second ~~interlock~~ lock includes:

an electromagnetically operated locking shackle capable of mechanically interlocking locking the ~~actuator~~ second lock to prevent actuator control of said at least one set of breaker contacts.

19. (Currently Amended) The disconnecting breaker of claim 18 wherein the second interlock lock includes:

an electrical interlock lock that interrupts control power to the electromagnet of the locking shackle.

20. (Canceled)

21. (Currently Amended) A disconnecting breaker comprising:

a) at least one set of breaker contacts;

b) an actuator mechanically connected to said at least one set of breaker contacts by a linking system, wherein said actuator controls the position of the breaker contacts between a closed position and an open position; and

c) an electromagnetically operated ~~locking shackle~~ blocking package capable of mechanically interlocking locking the actuator to prevent actuator control of said at least one set of breaker contacts; and

d) an electrical lock that interrupts control power to the actuator and prevents actuator control of said at least one set of breaker contacts.

22. (Canceled)

23. (Currently Amended) The disconnecting breaker of claim 21 comprising:

an electrical ~~interlock~~ lock that interrupts control power to the ~~electromagnet of the locking shackle~~ blocking package.

24. (Currently Amended) A disconnecting breaker comprising:

- a) at least one set of breaker contacts;
- b) an actuator mechanically connected to said at least one set of breaker contacts by a linking system, wherein said actuator controls the position of the breaker contacts between a closed position and an open position; and
- c) an electrical ~~interlock~~ lock that interrupts control power to the actuator and prevents actuator control of said at least one set of breaker contacts; and
- d) a mechanical ~~interlock~~ lock that blocks the movement of the linking system and maintains said at least one set of breaker contacts in the open position.

25. (Currently Amended) The disconnecting breaker of claim 24 comprising:

an electromagnetically operated ~~locking shackle~~ blocking package capable of mechanically ~~interlocking~~ locking the actuator to prevent actuator control of said at least one set of breaker contacts.

26. (Currently Amended) The disconnecting breaker of claim 25 comprising:

an electrical ~~interlock~~ lock that interrupts control power to the ~~electromagnet of~~
~~the locking shackle~~ blocking package.

27. (Canceled)

28. (Currently Amended) The disconnecting breaker of claim 25
comprising:

an indicator indicating that the actuator is mechanically ~~interlocked~~ locked.

29. (Currently Amended) The disconnecting breaker of claim 24
comprising:

an indicator indicating that the actuator is electrically ~~interlocked~~ locked.

30. (Previously Presented) The disconnecting breaker of claim 24,
wherein said disconnecting breaker includes multiple sets of breaker contacts.

31. (Currently Amended) The disconnecting breaker of claim 24,
comprising a hand operated first key and lock device to achieve electrical and
mechanical ~~interlocking~~ locking of the actuator.

32. (Currently Amended) The disconnecting breaker of claim 31 wherein
the operation of the first key and lock device releases an electromagnetic ~~blocking~~
locking shackle that ~~interlocks~~ locks a locking package on the actuator.

33. (Previously Presented) The disconnecting breaker of claim 24 wherein a distance between the contacts in the open position comprises a conductor spacing for a disconnection function.

34. (Currently Amended) The disconnecting breaker of claim 31, wherein the operation of the hand operated key and lock device ~~automatically changes~~ causes the breaker to change from said closed position to said open position.

35. (Currently Amended) The disconnecting breaker of claim 31, comprising a second lock device operated by the first key for mechanical ~~interlocking~~ locking of the linking system, wherein ~~interlocking~~ locking of a blocking plate and linkage system is achieved by a second key device within a third lock device.

36. (Currently Amended) The disconnecting breaker of claim 35, comprising an actuator for an earth knife which allows for connection of the earth knife to at least one of the breaker terminals per pole, thereby earthing at least one of the terminals, ~~said earth knife may be locked either in earthed or unearthed position by a fourth lock device.~~

37. (Previously Presented) The disconnecting breaker of claim 36 wherein the fourth lock device is locked with said second key device after said connection.

38. (Canceled)

39. (Currently Amended) A method for ~~interlocking~~ locking a disconnecting breaker with at least one set of breaker contacts comprising:

a) activating an actuator mechanically connected to said at least one set of breaker contacts by a linking system, wherein said actuator controls the position of the breaker contacts between a closed position and an open position;

b) engaging a first ~~interlock~~ lock that blocks the movement of the linking system and maintains said at least one set of breaker contacts in the open position; and

c) engaging a second ~~interlock~~ lock that ~~interlocks~~ locks the actuator, wherein the second lock comprises an electrical lock that interrupts control power to the actuator and prevents actuator control of said at least one set of breaker contacts.

40. (Currently Amended) Method according to claim 39, wherein the second ~~interlock~~ lock includes an electrical and a mechanical ~~interlocking~~ locking which ~~interlocks~~ locks the actuator and prevents movement of the linking system.

41. (Currently Amended) Method according to claim 40, wherein the electrical and mechanical ~~interlocking~~ locking of the actuator is achieved by means of a hand-operated first key- and lock device.

42. (Currently Amended) Method according to claim 41, wherein the operation of the first key- and lock device releases an electromagnetic locking shackle that ~~interlocks~~ locks a ~~locking~~ blocking package on the actuator.

43. (Currently Amended) Method according to claim 40, wherein the electrical and mechanical ~~interlocking~~ locking of the actuator is carried out with the breaker in the open position, whereby a distance between the contacts comprises a conductor spacing for a disconnection function.

44. (Currently Amended) Method according to claim 41, wherein the electrical and mechanical ~~interlocking~~ locking of the actuator is carried out with the breaker in the closed position, whereby the hand-operated first key- and lock device achieves an automatic change of the breaker from said closed position to said open position.

45. (Currently Amended) Method according to claim 41, wherein the first key of said first key- and lock device is freed from said key- and lock device following the ~~interlocking~~ locking of the actuator and is used in a second lock device for mechanical ~~interlocking~~ locking of the linking system with the aid of a blocking plate, which ~~interlocking~~ locking is achieved by a second key device with a third lock device.

46. (Previously Presented) Method according to claim 45, wherein an actuator for an earth knife or equivalent earth device is unlocked from a fourth lock device with said second key device so as to allow connection of the earth knife to the breaker, and is locked with the second key device and the fourth lock device after said connection.

47. (Currently Amended) Method according to claim 45, wherein the electrical and mechanical ~~interlocking~~ locking of the actuator of the breaker is carried out with the breaker in the closed position, whereby the first key device is blocked into the lock device following the ~~interlocking~~ locking of the actuator.

48. (Currently Amended) Method according to claim 40, wherein the electrical and mechanical ~~interlocking~~ locking of the actuator of the breaker is achieved by means of a remote control.

49. (Currently Amended) Method according to claim 48, wherein the remote-controlled electrical and mechanical ~~interlocking~~ locking of the actuator of the breaker is carried out with the breaker in the open position, whereby the distance between the contacts comprises a conductor spacing for a disconnecting function.

50. (Currently Amended) Method according to claim 49, wherein said ~~interlocking~~ locking includes mechanical movement of a blocking device for an earth knife, after which movement of the earth knife involves mechanical ~~interlocking~~ locking of the linking system.

51. (Canceled)

52. (Currently Amended) Method according to claim 39, wherein the first ~~interlock~~ lock includes a mechanical ~~interlocking~~ lock that prevents the movement of the linking system.

53. (Currently Amended) Method according to claim 40, wherein the first ~~interlock~~ lock includes a mechanical ~~interlocking~~ lock that prevents the movement of the linking system.

54. (Currently Amended) Method according to claim 39, comprising:
indicating the ~~interlocking~~ locking of the linking system using at least one mechanical indicator.

55. (Currently Amended) Method according to claim 40, comprising:
indicating the electrical and mechanical ~~interlocking~~ locking using an electrical indicator and a mechanical indicator.

56. (Currently Amended) The disconnecting breaker of claim 24
comprising:
an indicator indicating that the linking system is mechanically ~~interlocked~~ locked.

57. (New) The disconnecting breaker of Claim 25, wherein the blocking package is operated by remote control.

58. (New) The method of Claim 39, wherein the first lock and the electrical lock are engaged via remote control.

59. (New) The disconnecting breaker of Claim 23, comprising an electromagnetically operated locking shackle capable of mechanically locking the blocking package.

60. (New) The disconnecting breaker of Claim 26, comprising an electromagnetically operated locking shackle capable of mechanically locking the blocking package.

61. (New) The disconnecting breaker of claim 36, comprising a fourth lock device for locking the earth knife in either an earthed or an unearthed position.